06/12/2008

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Rey 1459

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

60533 7590
TOLER LAW GROUP
8500 BLUFFSTONE COVE
SUITE A201

AUSTIN, TX 78759

EXAMINER

REKSTAD, ERICK J

ART LINIT PAPER NUMBER

2621

DATE MAILED: 06/12/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,673	07/04/2003	Chin-Long Lin	1087-PROT005009	7325

TITLE OF INVENTION: METHOD FOR MOTION ESTIMATION AND BANDWIDTH REDUCTION IN MEMORY AND DEVICE FOR PERFORMING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	09/12/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FFE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless corrects maintenance fee notifica	correspondence includired below or directed oth	of transmitting the 1330 ng the Patent, advance of nerwise in Block 1, by (rders and notification of a a) specifying a new corre	maintenance fees wi spondence address;	II be and/or	nailed to the current (b) indicating a sepa	corresponder rate "FEE A	nce address as DDRESS" for
		ock 1 for any change of address)	Not Fee pap bay	e: A certificate of r (s) Transmittal. This ers. Each additional e its own certificate.	nailing certif paper of mai	can only be used fo cate cannot be used f such as an assignme ling or transmission.	r domestic m or any other a at or formal	ailings of the accompanying drawing, must
TOLER LAW 8500 BLUFFST SUITE A201	ONE COVE	/2008	T be	Cert	ificate	of Mailing or Trans:) Transmittal is being ficient postage for firs (SSUE FEE address 1) 273-2885, on the d	mission	oth the United
AUSTIN, TX 78	1739						0	Depositor's name)
			_					(Signature)
								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	:	ATTO	RNEY DOCKET NO.	CONFIRM/	ATION NO.
10/614,673 TITLE OF INVENTION PERFORMING THE SA		моттом естіматію	Chin-Long Lin N AND BANDWIDTH	REDUCTION IN		7-PROT005009 MORY AND DEVI	73 CE FOR	25
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DAT	TE DUE
nonprovisional	YES	\$720	\$300	\$0		\$1020	09/1	12/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS	1				
REKSTAD	REKSTAD, ERICK J 2621		375-240160	•				
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp	" Indication form ed. Use of a Customer A TO BE PRINTED ON	(f) the names of up to or agents OR, alternati (2) the name of a sing registered attorney or 2 registered patient auto- listed, no name will be THE PATENT (print or ty data will appear on the p T a substitute for filing an (B) RESIDENCE: (CITY	vely, le firm (having as a agent) and the name meys or agents. If n printed. pc) satent. If an assigne assignment.	memb s of uj o nam e is id	er a 2or to be is 3entified below, the de	xument has	been filed for
Please check the appropr	iate assignee category or	categories (will not be po	rinted on the patent):	Individual Co	porati	on or other private gro	up entity 🔲	Government
Advance Order -	To small entity discount p	permitted)	b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit can The Director is hereby overpayment, to Dept	rd. Form PTO-2038	is atta	ched.		
- 11	s SMALL ENTITY state	is. See 37 CFR 1.27.	☐ b. Applicant is no lon					
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	ured) will not be accepte tes Patent and Trademark	d from anyone other than to Office.	the applicant; a regis	tered a	ttorney or agent; or th	e assignee or	other party in
Authorized Signature				Date				
Typed or printed name				Registration No				
This collection of inform an application. Confiden submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 d application form to the ons for reducing this but firginia 22313-1450. DC 13-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the O NOT SEND FEES OR	on is required to obtain or 1.14. This collection is es depending upon the indi- e Chief Information Offic COMPLETED FORMS T	retain a benefit by the timated to take 12 m vidual case. Any corer, U.S. Patent and 1 O THIS ADDRESS.	e publ inutes nment Traden SENI	to which is to file (and to complete, including s on the amount of tit ark Office, U.S. Depa of TO: Commissioner	by the USPI g gathering, j ne you requi- urtment of Co for Patents, P	PO to process) preparing, and re to complete mmerce, P.O. O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

APPLICATION N	0.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/614,673		07/04/2003	Chin-Long Lin	1087-PROT005009	7325	
60533	7590	06/12/2008		EXAM	UNER	
TOLER LA	W GRO	UP		REKSTAE), ERICK J	
8500 BLUFF	STONE	COVE		ART UNIT	PAPER NUMBER	
SUITE A201 AUSTIN, TX	78759			2621 DATE MAILED: 06/12/200	8	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 770 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 770 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.	Applicant(s)		
10/614,673	LIN ET AL.		
Examiner	Art Unit		
EDICK DEKSTAD	2621		

The MAILING DATE of this communication appears on IAI claims being allowable, PROSECUTION ON THE MERITS IS (OR REherewith (or previously mailed), a Notice of Allowance (PTOL-85) or other NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. Of the Office or upon petition by the applicant. See 37 CFR .1313 and MF	MAINS) CLOSED in this application. If not included appropriate communication will be mailed in due course. THIS This application is subject to withdrawal from issue at the initia
 This communication is responsive to <u>3/6/08</u>. 	
The allowed claim(s) is/are <u>34 and 36-38</u>.	
3. Acknowledgment is made of a claim for foreign priority under 35 t a) All b) Some* o) None of the: 1. Certified copies of the priority documents have been re 2. Certified copies of the priority documents have been re 3. Copies of the certified copies of the priority documents have been re 3. Cepies of the certified copies of the priority documents international Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this contact below. Failure to timely comply will result in ABANDONMENT of THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Not INFORMAL PATENT APPLICATION (PTO-152) which gives reasons. 5. CORRECTED DRAWINGS (as "replacement sheets") must be sub (a) including changes required by the Notice of Draftsperson's Pate 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amend Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) steech sheel. Replacement sheet(s) should be labeled as such in the hited of attached Examiner's comment regarding REQUIREMENT FOR TH	precived. coelived in Application No have been received in this national stage application from the communication to file a reply complying with the requirements this application. te the attached EXAMINER'S AMENDMENT or NOTICE OF n(s) why the oath or declaration is deficient. mitted. tent Drawing Review (PTO-948) attached timent / Comment or in the Office action of the control of the control of the coording to 37 CFR 1.121(d).
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Notice of Informal Patent Application Minterview Summary (PTO-413),
Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Date 7. Examiner's Amendment/Comment
Paper No./Mail Date	8. X Examiner's Statement of Reasons for Allowance
of Biological Material	9.